### LIMITED WARRANTY

### PROJECTION TELEVISION

One Year Free Labor
One Year Free Service on Parts
Two Years Free Service on Parts
Two Years Free Service on Cathode Bay Tube Parts 10 days Free Service on Projection TV Screen
This product can be repaired in-home.

### WHO IS COVERED?

### WHAT IS COVERED?

WHAT IS COVERED!

Warrang coverage began the day you buy your product, for one year thereafter 100 days for the preciount Vs screen, all part will be required interested to 100 days for the preciount Vs screen, all part will be required from the day of purchase, you puy for the replacement or repair of all subor and transportation for you be and for "Feet Vol" lens, not for all abor and transportation charges, After two years from the day of the precious of the day of the products of the day of th

### WHAT IS EXCLUDED?

- WHAT IS EXCLUDED!

  (for warranty does not core:

  labor charges for installation or sepan of the product, adjustment of
  customer controls on the product, and installation or repair of
  antenna systems custed of the product,
  customer controls on the product,
  customer controls on the product,
  customer controls of the product,
  customer controls of the product,
  customer controls of the product,
  customer flextronics Company.
  reception profibers caused by signal conditions or cable or entour
  systems counted the run.
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  a product of the requires
  and product of the requires
  incidental or consequented dismage residing from the product.
  (Comes states do not allow the excitomer of modelmate for
  products dismaged by these modifications
  incidental or consequented dismage residing from the product.
  (Comes states do not allow the excitomer of modelmate for
  you. This includes, but is not limited to, prescorded material,
  whether copyrighted or not copyrighted,
  a product used for commercial or institutional purposes.

# WHERE IS SERVICE AVAILABLE?

WHERE IS SERVICE AVAILABLE?
Warranty service is available in all countries where the product is officially distributed by Philips Consumer Electronics Company, in countries where Philips Consumer Electronics Company does not distribute the product, the local Philips service organization will attempt to provide service (sithough there may be a delay if the appropriate spare parts and technical manualist) are not readily available).

### MAKE SURE YOU KEEP...

### BEFORE REQUESTING SERVICE...

Please check your owner's manual before requesting service Adjustments of the controls discussed there may save you a call.

### TO GET WARRANTY SERVICE..

TO GET WARRANTY SERVICE...
Repair must be performed by an autobrized service center or a factory service center. Or a factory service center, fryau do not he neour a factory service center, contact your dealer. If your dealer is an authorited service center, he will arrange repair. If your dealer is not an authorited service center, he will direct you to the authorized service center engaged by him to service the products he self-

products he selfs.

(in U.S.A., Puerno Rico and U.S. Virgin Islands, all implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the duration of this express warranty. But, because some states do not allow imitiations on how long an implied warranty may last, this limitation may not apply to

you.)

(in Canada this warranty is given in lieu of all other warranties. No other warranties are expressed or implied including any implied between the control of the con

### IF YOU HAVE QUESTIONS...

### REMEMBER...

Please record the model and serial numbers found on the product below. Also, please fill out and mail your warranty registration card promptly. It will be easier for us to notify you if necessary.



This wantering gives you appealed legal rights. You may have other rights which wary from states province as states province.

Phillips Service Company, P.O. Box 2976, Longview, Texas 75606, (903) 242-4800

Instructions for use	
	The second secon
Let's make things better	PHILIPS

# Return your Warranty Registration card today to ensure you receive all the benefits you're entitled to.

Once your PHILIPS purchase is registered, you're eligible to receive all the privileges of owning a PHILIPS product. So complete and return the Warranty Registration Card enclosed with your purchase at once. And take advantage of these important benefits.

# Warranty Verification

Registering your predict within 10 days confirms your right to maximum prolection under the territe and conditions of your perfect that the territe and the te

# Owner Model Confirmation Registra

# Registration

Returning your Warranly
Registration Card right away
guarantees you'll receive at
the information and special
afters which you qualify for as the
owner of your model.

Hurry

Congratulations on your purchase, and welcome to the "family!"





## Dear PHILIPS product owner:

Thank you for your confidence in PHILIPS. You've selected one of the best-built, best-backed products available today. And we'll do everything in our power to keep you happy with your purchase for many years to come.

years to come.

As a member of the PHILIPS "tamily," you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry.

What's more, your purchase guarantees you!" Treedive all the information and special offers for which you qualify, plus easy access to accessiones from our convenient home shopping network. And most importantly you can court on our uncompromising commitment to your total satisfaction. All of this Is our way of saying welcome-and thanks for investing in a PHILIPS product. Sincerely



Robert Minkhorst Officer P.S. Remember, to get the most from your PHILIPS product, you must return your Warranty Registration Card within 10 days. So please mail it to us right now!

Kı

CAUTION TO INDOCE the SHIP OF PLEICING BROOK, NO ACT DEMONS COSTO ON BANK, NO INCREMENTAL PARTY MAKEN, PUTCH ECONOMISTS OLDINICAL PRINCIPALLY.

This 'bolt of lightning' indicates uninsulated material within your unit which may cause an electrical shock. For the safety of everyone in your household, please do not remove product

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

instruture occopy to prevent operating and maintainine processes.

WARHANG: TO PREVENT FIRE OR 9 HOOCH HAZARD, OD NOT EXPOSE THIS EQUIPMENT TO PANN OR MOISTURE.

CAUTION: To prevent electric shock, match wide blade of play to wide stot, and fully insent.
ATTENTION: Pour évileur facs tonce électriques, introducir bit lame is plus large de la série dans la bome correspondance de junction pour pequid.

President and Chief Executive C
now these <b>safety</b> symbols
CAUTION A

Let's make things better	INTERNET ADDRESS:	http://www.philipsusa.com

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### **SAFETY INSTRUCTIONS - Read before operating equipment**

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

- Read Instructions All the safety and operating instructions should be read before the appliance is operated.
- Retain Instructions The safety and operating instructions should be retained for future reference.
- De retained for future reference.

  13. Heed Warnings All warnings on the appliance and in the operating instructions should be adhered to.

  Follow Instructions All operating and use instructions should be followed.
- followed:
  Water and Moistare The appliance should not be used near water
   for example, near a bathtub, washbowk, litchen sink, laundry tub,
  in a web tosement or near a swimming pool, ac.
  Carts and Stands The appliance should be used only with a carl or
  stand that is recommended by the manufacture.

- Cords and States. The policine is continuing polit, set.

  Cord and States. The policine is beautiful to seed on the cord of the cord.

  An appliance and cart combination should be moved for the cord.

  An appliance and cart combination should be moved to the cart. Quick splay, excessive froze, and annew policine.

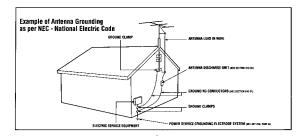
  Be Till (Statistic )—All televisions must comply with recommended informational global stately standards for fill and stately properties.

  De not cornormonies these design standards by applying axcessive pull force to the forart, or tip, of the calinist which could utilized to oversome properties the product of the cornormonies could be calined. Seen a seen and the control of the product of the control of the product of the control of the control of the product of the control of
- To Power Sources The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the annitance.

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- not stall and liquids are not spilled into the enclosure firrough openings. But the property of the property o

Note to the CATV system installer: This reminder is provided to call the CATV system installer's attention to Arricle 820-40 of the NEC that provides golderines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as come to he point of cable entry as pending.



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# SET-UP AND QUICK USE GUIDE

Use the simple Set-Up Guide (supplied with your TV information packet) for details on:

- Antenna Hook-ups
  First Time Set-Up
  (Automatic Settings)
  Basic TV and Remote
  Control Operation
- On-Screen Menu Use

QUALITY SERVICE IS AS CLOSE AS YOUR THEEPHONE! SIMPLY LOOK OVER THE LIST BELOW FOR THE NUMBER OF A FACTORY SERVICE CENTER REAR YOU. YOUR PRODUCT WILL RECEIVE EFFICIATY AND EXPEDIENT CARRY-IN, MAN I-M, OR IN-HOUS ERROCE, AND YOU WILL RECEIVE PEACE OF MIND, KNOWING YOUR PRODUCT IS BEING GIVEN THE EXPERT ATTENTION OF PULIUS' FACTORY SERVICE. AND, IT HIS PHONE NUMBER LISTED FOR YOUR AREA IS LONG DISTANCE, CALL 1-800-242-9225 FOR FACTORY SERVICE.

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ILLINOIS Philips Factory Service of Illinois 1279 W. Hamilton Pkwy. Itasca, IL 60143 (630) 775-0990

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### **Philips Consumer Electronics Company** Factory Service Center Locations



NOTE: If you reside in one of our Philips Factory Service Branch areas (see directory on back), you can contact the reserted Service Branch to obtain efficient and expected repeir for your product. If your product is In Warranty, you should have proof-of-purchase to ensure No Charge Service, in Ot. of Vehranty service, call to deviation services you

NOTE 50 your delays dow, and se depont deserving nor are succurated to another paths write it is builded things, (will plat a deserva), your contract container to instruct de service post when the plat has deserved, and contract container to instruct de service and when the plat service paths are service as the product of the product

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In Catada

How you can obtain efficient and expedient carryin, mail-in, or in-home service for your product
Please contact Philips at 1-900-961-6162 (Franch speaking)
1-900-963-7278 (English speaking)

Livering translation of the control Comment obtanir le service après-v Veuillez contacter philips à:

First Time Set Up - automatically sets the TV for local channels, the correct picture signal (antenna or cable), and assists in the setting of TV's Smart Clock feature.

Infrared Remote Control - operates your TV set and a variety of wireless remote control VCRs, Cable TV Converters, and other accessory equipment. A special "Locator" feature can also help you find the remote control when it has been stuck out of sight or

Standard TV broadcast (VHF/UHF) or Cable TV (CATV) channel capability.

Closed Captioning - allows the viewer to read TV program dialogue or voice conversations as on-screen

Automatic Programming of channels - for quick and casy selection of favorite stations available in your area.

Picture-In-Picture (PIP) - can show a TV program and the direct video output from an accessory (VCR, etc.) onto the TV screen at the same time.

Parental Control for "Censoring" - this feature can block out channels to keep children from watching undesirable programming.

Stereo-TV - with a built-in audio amplifier and a twin speaker system, reception of TV programs in both broadcast stereo sound or (SAP) bilingual broadcast are available.

Twin Antenna (A/B) Inputs - for easy displaying of two separate signal sources on the TV. An A/B butto on the remote control switches the TV's Main screen between the two Antenna (A & B) Input options.

netween the two Antenna (A & B) input options. Andio/Video Jacks - for direct connections with VCRs (and other accessories) for quality TV picture and sound playback. Component video Input connectors are also available for high fidelity color and picture resolution when using digital video source material, such as DVD.

Surround Sound - this TV set contains external; audio speaker connections for a more dynamic sound

Sleep-Timer - automatically turns the TV OFF at preset time intervals.

Smart Button - for the control of TV Sound and the Picture levels. Use the Smart Button on the remote to quickly adjust Smart Sound to select various audio modes matched to specific types of TV programming) Smart Picture (for programmed video level adjustments on a variety of program sources); and Smart Smart (for quick one button channel selection of up to 10 of your favorite channels).

# FEATURES



- As you unpack your TV please note that the following items have been included with your set
- · Owner's Manual
- Safety Tip Information
  Factory Service Center Locations
- Warranty Registration Card
- · Remote Control Transmitter Batteries for Remote Control Use

Please take a few minutes to complete your registration card. The serial number for the TV is on the back of the set.

Refer to the back of this manual for instructions on the cleaning and care of the TV.

### End-of-Life disposal

Your new projection television and its packaging contain materials that can be recycled and reused. Specialized companies can recycle your produce amount of resumble materials and maintained the amount of treamble materials and maintained the amounts which need to be properly disposed.

Your product also uses batteries which should not be thrown away when depleted, but should be handed in and disposed of as small chemical waste.

Please find out about the local regulations on how to dispose of your old television, batterics, and packaging materials whenever you replace existing equipment.

# PICTURE MENU CONTROL ADJUSTMENTS SHARPNESS, TINT, PICTURE To adjust your TV color and picture controls, select a TV channel and follow the steps show below: below: BEGIN Select BRIGHTNESS, PICTURE, COLOR, TINT, or SHARPNESS picture control. PCTURE | KKING) FEATURES HELP 1ST TIME SETUP 11-00-00 11-00-00 PICTURE screen, move the RED highlight with the MENU (M) (2) buttons. SHARP CLEARVEW ENT INCRE | 1 3 Press the STATUS button to 5107 SMART HELP Remember. When the bar scale is centered, control settings are at normal mid-range evels. DUT HELP NEXT. جيجو PICTURE Press (-) or (+) until whitest parts of the picture are as bright as you prefer. COLOR Press (-) or (+) to add or eliminate color. TINT Press (-) or (+) to obtain natural skin tones. (Also see Flesh Correction on page 9 for more information). SHARPNESS Press (-) or (+) to improve detail in the picture.

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\* Q/U indicates page number reference in the separate Quick Use Guide

# GLOSSARY TO TELEVISION TERMS

Audio/Video Inputs \* Located on the rear of the TV these connectors (RCA phono type plug) are used for the input of audio and video signals. Designed for use with VCRs (or other accessories) in order to receive higher picture resolution and offer sound connection options.

Coaxial Cable \* A single solid antenna wire normally matched with a metal plug (F-type) end connector that screws (or pushes) directly onto a 75 Ohm input found on the Television or VCR.

Display \* An on screen message or graphics that help the user operate and adjust TV feature controls. See On Screen Displays

Identify\* Method by which a remote control searches and finds an operating code for another product (such as a VCR or Cable Converter). Once the code has been "identified" then the TV remote can operate and send commands to the other product.

LED \* Light Emitting Diode or indicator.

Menu • An on-screen listing of feature controls shown on the TV screen that are made available for user adjustments.

Multichannel Television Sound (MTS) \* The broadcast standard that allows for stereo sound to be transmitted with the TV picture.

On Screen Displays (OSD) \* Refers to the wording or messages generated by the TV to help the user with specific feature controls (color adjustment, programming, etc.).

Picture -In-Picture (PIP) \* Term used when two pictures are shown on the TV screen at the same time. The smaller PIP picture is supplied by a VCR (or other tuner/video playback source). The PIP picture can also be moved and swapped with the TV's main screen nicture.

Pre-Amplifier \* The control center of a hi-fi system. Not only amplifies source inputs, but also allows for source selection, volume, tone, balance and all other controls that affect the sound.

Programming \* The procedure of adding or deleting channel numbers into the TV's memory circuits. In this way the TV "remembers" only the locally available or desired channel numbers and skips over any unwanted channel numbers.

 $\mbox{PTV}$  \* Projection Television (Rear and/or Front projection design systems are available.)

Remote Sensor Window \* A window or opening found on the TV control panel through which infrared remote control command signals are received.

RF \* Radio Frequency or modulated signal design used as the

Second Audio Program (SAP) \* Another or additional audio channel provided for in the Multichannel Television Sound (MTS) broadcast standard. A monaural soundtract included within the recorded or video signal (usually containing a second language translation for the displayed programming.)

Status \* Allows the user to quickly confirm what channel number is currently being viewed. Status can also be used to clear the TV of on-screen displays or information frather than waiting for the displays to "time out" or automatically disappear from the screen)

Subwoofer \* A speaker designed for audio playback of only the lowest-frequency notes (under 100 Hz.)

S-Video Input \* Allows direct connection of high-resolution vide sources, such as a Super VHS videocassette recorder, Laser Disc player, etc. Provides improved picture resolution, sharpness, and clarity.

Twin Lead Wire. \* The more commonly used name for the two strand 300 Ohm antenna wire used with many indoor and outdoor antenna systems. In many cases this type of antenna wire requires an additional adapter (or balun) in order to connect to the 75 Ohm Input terminals designed into the more recent Televisions and VCRs.

Variable Audio Output \* An adjustable audio output which allows for volume variations at the source.

## PICTURE MENU CONTROLS (CONTINUED) CLEARVIEW

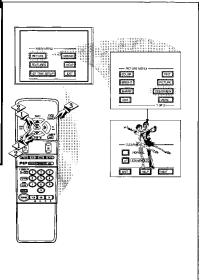
Clearniew is a sharpness featur which smoothes out background snow (or picture noise without losing picture image detail

### BEGIN Select CLEARVIEW control

With the PICTURE MENU on with the PICTURE MENU on screen, move the RED highlight with the MENU (M) buttons. Then press the MENU button.

② Press the MENU ▲▼ buttons to move the RED highlight. Press the MENU button to select (>\mathcal{L}) the ENHANCED mode.

•



## PICTURE MENU CONTROLS (CONTINUED)

# RED/BLUE CONVERGENCE Convergence is the correct lining up of the red and blue light paths on the TV screen. NOTE: If no color fringing (see Smart Help) shows, then no Convergence adjustments are necessary for your TV.

# Delect CONVERGENCE

With PICTURE MENU (2 of 2) screen, move the RED highlight with the MENU (M) 

Then press the MENU button.

2 If there is RED or BLUE cold fringing on the White cross, press the MENU button to continue.

3> Press the MENU buttons to move the red or Dise CLOSS directly over the white cross on th TV screen.

The red or blue cross is properly adjusted when it is completely merged with the white cross. (No color appears around the edge of the white cross).

Press the STATUS button to clear the screen when cor adjustments are complete



SMART HELP Remember. Convergence has been set at the factory for best viewing, but if one or more of the (red or blue) colors appear around the edges of objects (color fringing) follow the steps given in this section.

# 1000 SUND 12 PICTURE **н**а; 2 Бит FEATURES ! 18T TIME SETUP BRIGHT RCTURE MORE EXIT CONVERSENCE FLEGH CORRECTION MODEL 18 MORC... EXIT #0000 #0000 \_ Use the (1) keys to margo the RED triage into the WHITE cross. Press Will to Continue. NOTE: Adjustments for "Multi-Foisis" on-scene color fringing can also be made as part of the TV's Convergence costnol system. Pollow the TV's on-scene ment directions to soler individual source areas that can be enablysted and set for varying robbles calor fringing conditions. These multi-pois calor fringing to conditions. These multi-pois calor can then be "Swed" to mentory for the soler formation of the control of the settings for consergence can be recalled and put back into place for use).

## TIPS IF SOMETHING ISN'T WORKING

CAUTION: A video ocure (such as a video game, Compact Disc Internetive - CDL, or TV information channel) which shows a constant non-moving pattern on the TV sector cause picture to the damage. When your TV is continuously used with sust of the pattern of the non-moving pertion of the game (CDL), etc.) could leave an image permanently on the picture table. When not in use, orn the video source OFF. Regulart allerance the use of such video source with normal TV video where the contract of th 1 checks before calling for service. These tips can save you time and money since charges fo TV installation and adjustment of customer controls are not covered under your warranty.

## No Power

Check the TV power cord. Unplug the TV, wait 1 minute, then reinsert plug into outlet and push POWER button again.
 Check to be sure outlet is not on a wall switch.

Check antenna connections on the rear of the TV. Are they properly secured to the

No Picture

Check attenna connections on the rear or the 11% Are they property secure up to antenna plug on the TV?

Check the CABLE TUNING control for correct position.

Check PICTURE SOURCE control for correct position ANT A or B; AUX 1/Z.

VIDEO, AUX Y P8 Pk, or SIDE VIDEO position without a signal source will re

a blank screen. Check the CLOSED CAPTIONS control. Some TEXT modes could block the screen

No Sound

Check the VOLUME and MUTE buttons on the TV and remote.
 Check the TV SPEAKER NORMAL/OFF sound control for the correct position.
 If attempting auxiliary equipment book-ups, check and josk connections and that the auxiliary equipment is on and in the proper operating modes.

Remote Does Not

TV Displays Wrong

Check VCR-ACC-TV "System" buttons on the remote. Press the remote's <u>TV</u> System button to send commands to the <u>TV</u>; <u>VCR</u> System to sent to VCR: etc.
Check batteries. Replace with AA Heavy Duty (Zinc Chloride) or Alkaline batteries if necessary.

Clean the remote and the remote sensor window on the TV.

Repeat channel selection.
Add desired channel numbers (ADD/DELETE CHANNELS control) into TV memory
Check CABLE TUNING control for correct position.

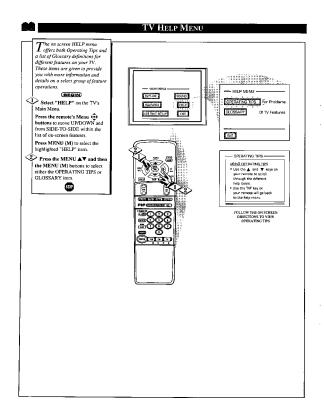
Channel or No Channels Above 13

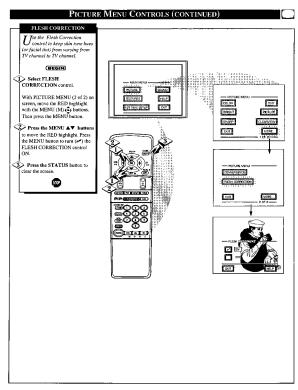
This TV is equipped with protective circuitry that shuts the TV off in case of moderate power surges. Should this occur turn the TV back on by pressing the POWER button once or twice, or unplug and then replug the power cord at the AC outlet. This feature is NOT designed to prevent damage due to high power surges such as those caused by lightning, which is not covered by your warranty.

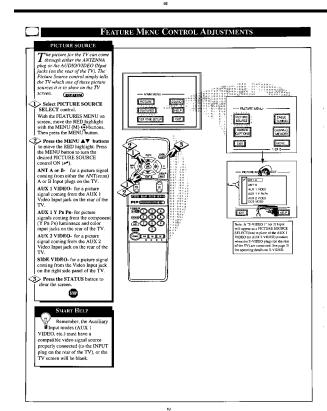
Cleaning and Case

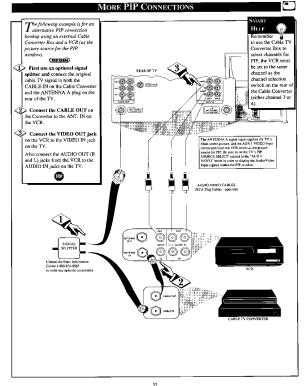
To avoid possible shock hazard be sure the TV is unplugged from the electrical outlet before cleaning.

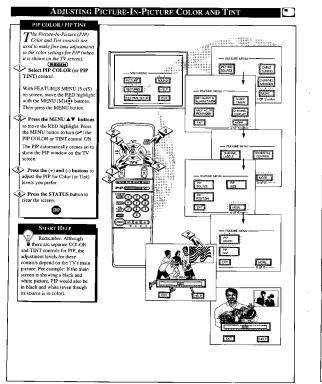
When cleaning the TV screen take care not to screate or damage the screen surface (avoid wearing genety or using anything abstave, do not so beneated) cleaners. When the foot screen with a clean toth dampened with water. Use even, easy, vertical strokes when cleaning, which was the cleaning the transport of the contract o

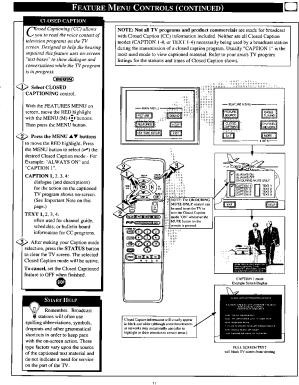


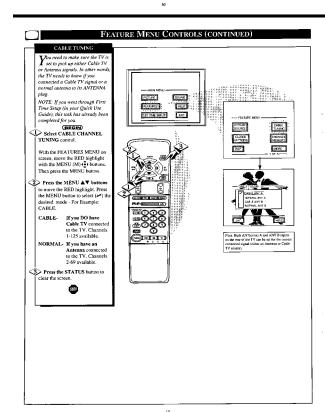


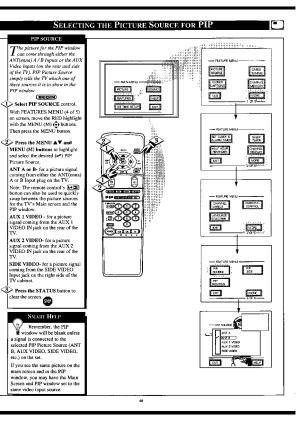


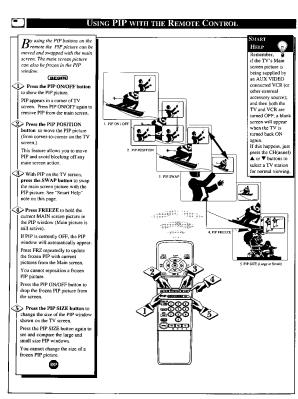


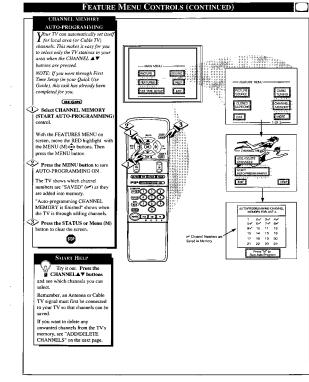


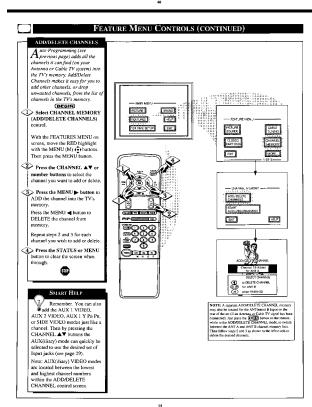


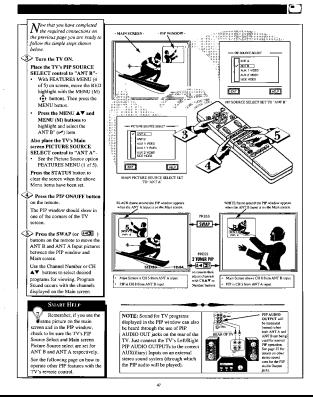


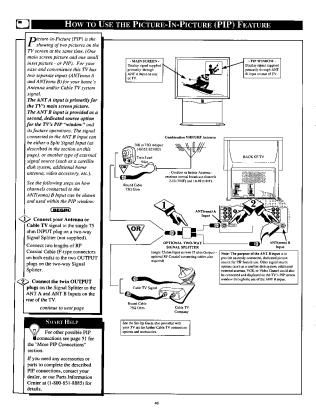


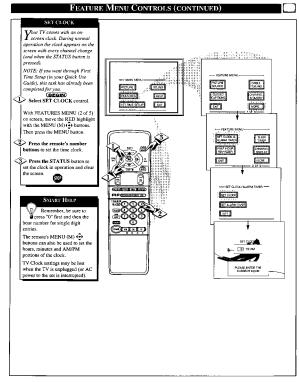


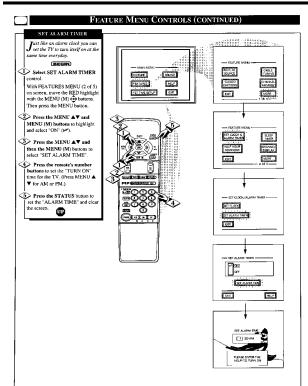


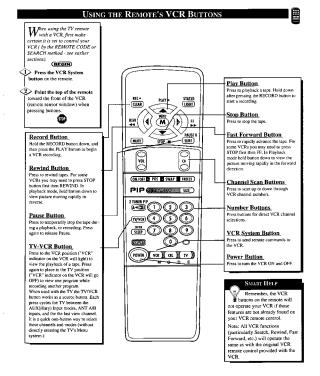


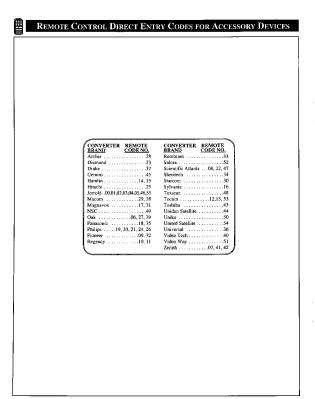


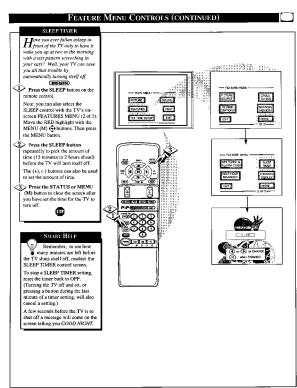


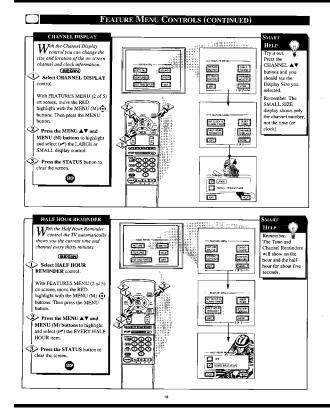


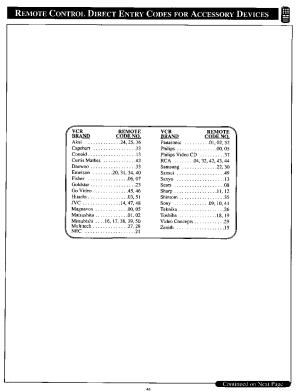


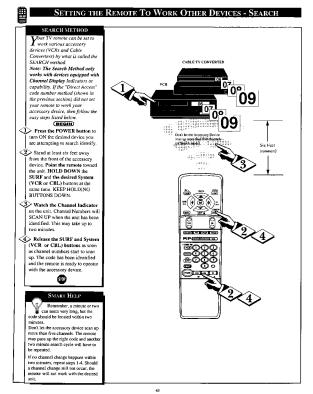


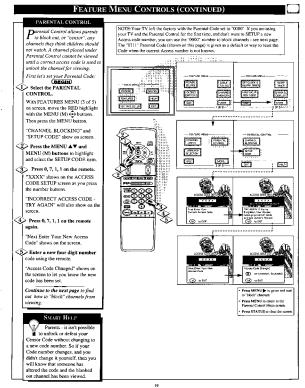


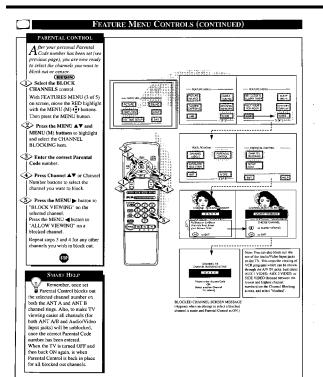


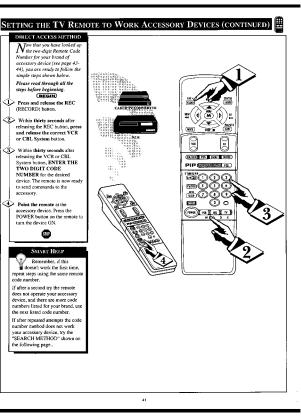


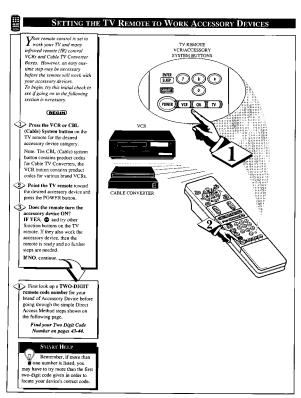


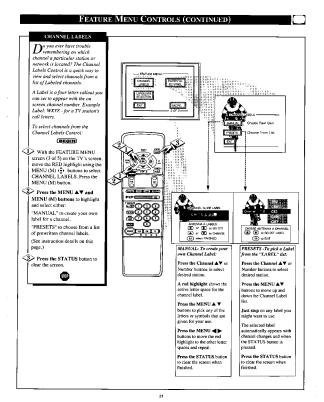


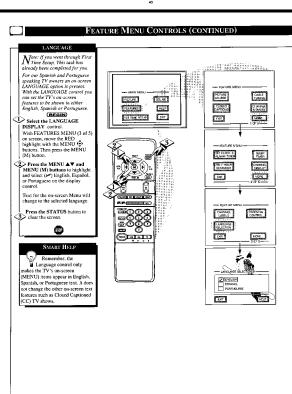


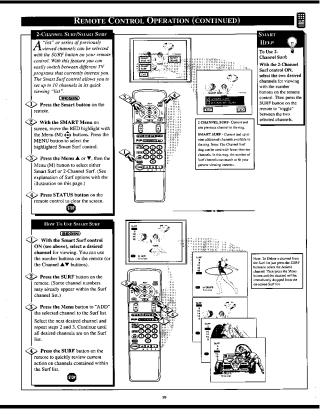


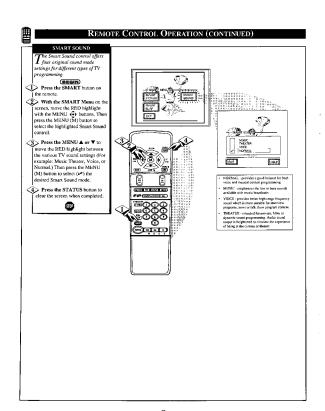


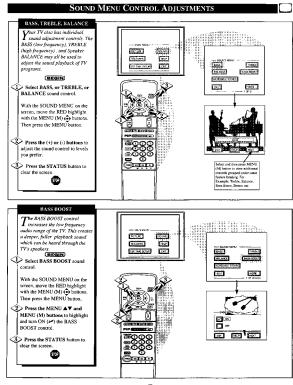


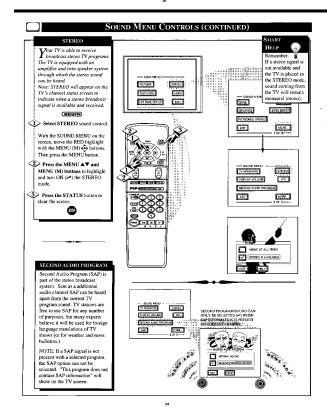


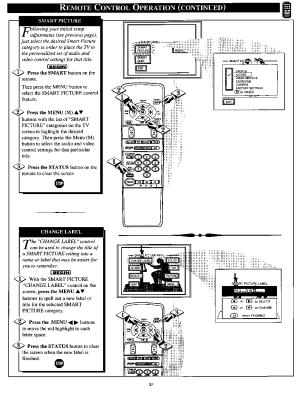


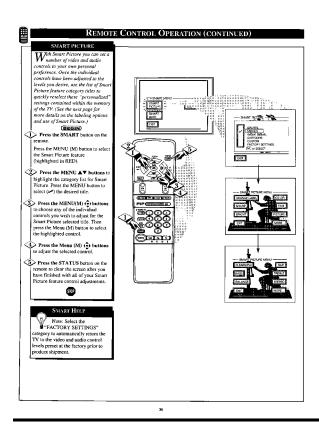


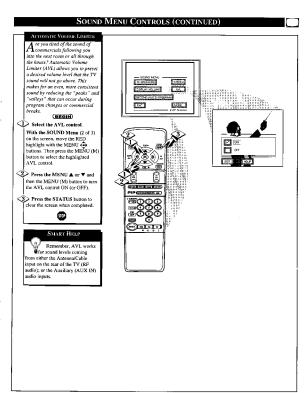


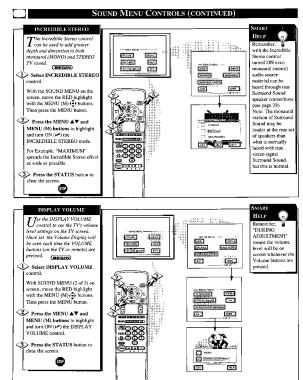


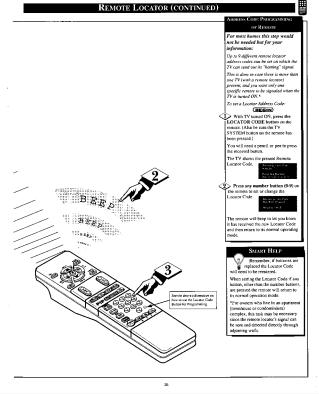


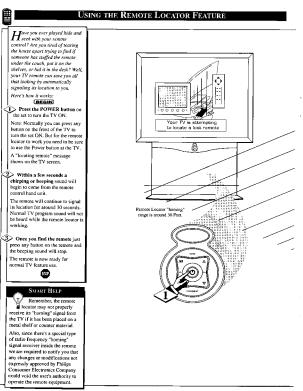


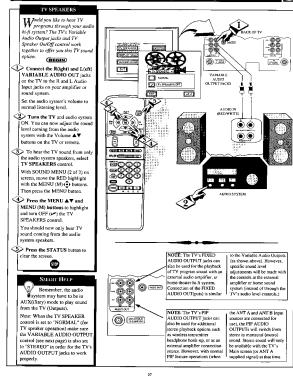




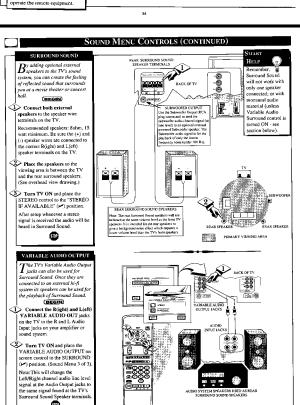








SOUND MENU CONTROLS (CONTINUED)



28

d Spe

